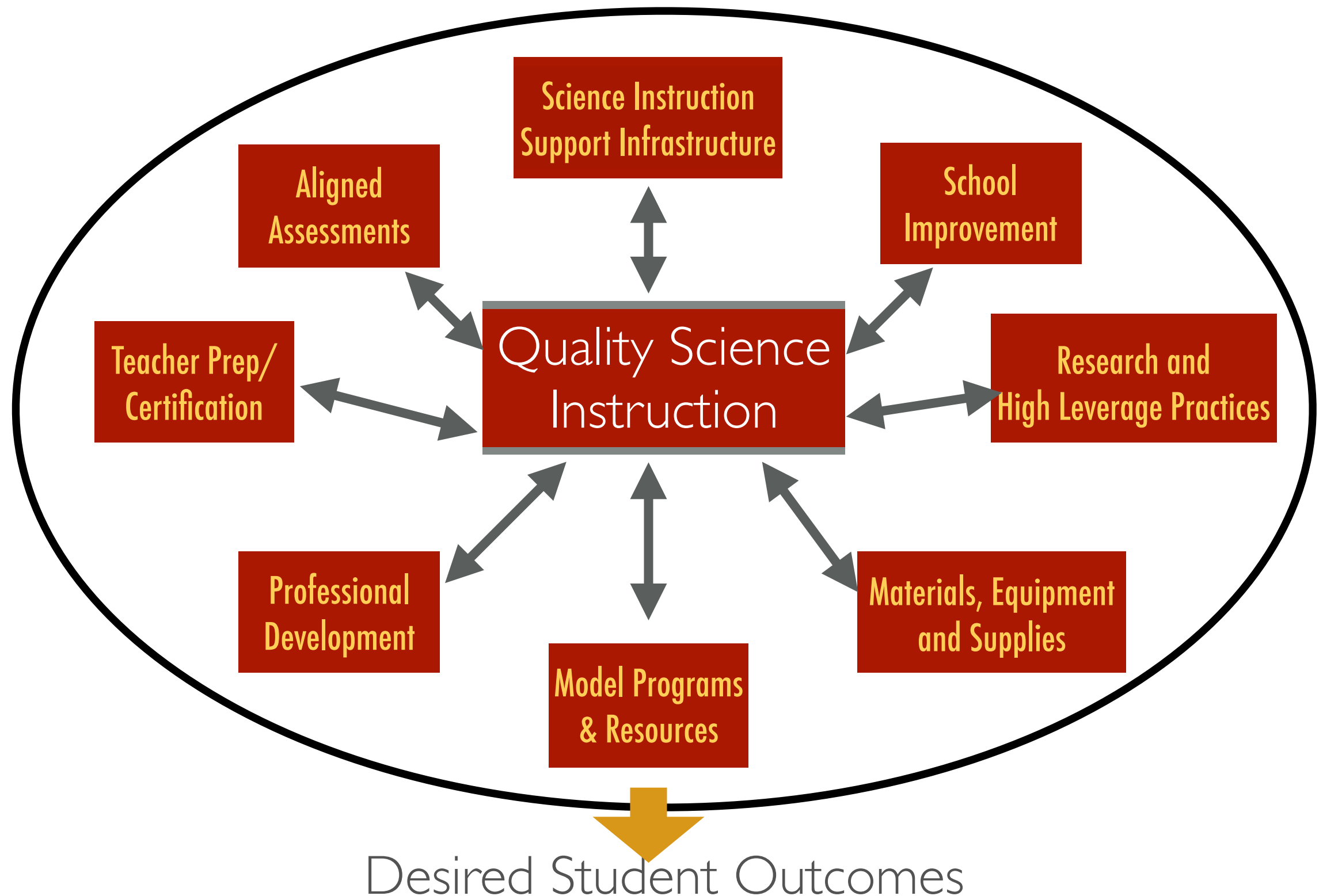


# Michigan Science Standards and Period of Public Comment

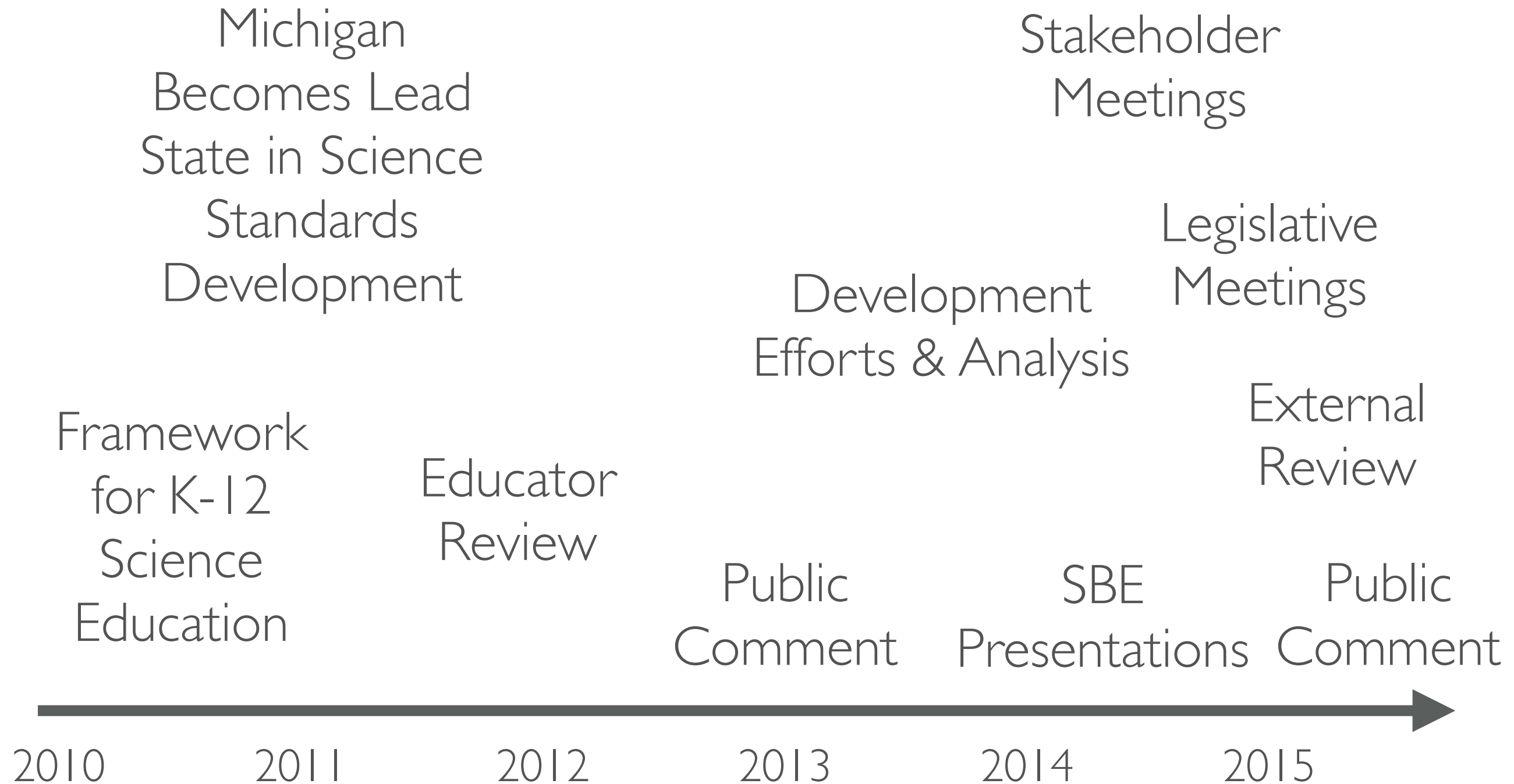




# ACHIEVING THE VISION



# DEVELOPMENT & ADOPTION TIMELINE



# PUBLIC COMMENT

## Initial Review:

- April 2013; 94-98% in support based on question/focus
- Findings available at **<http://mi.gov/science>**

## Proposed Information Sessions and Public Comment Process:

- Online survey for Public Comment at URL above
  - Opens August 17; Closes September 28
- Informational Session Series to Inform and Gather Feedback:
  - Multiple sites statewide
  - Introductory information on standards, breakouts by topic, and re-convene to summarize feedback
  - Sessions will be “broadcast” as webinars where possible and posted online

# GENERAL INFORMATIONAL SESSIONS

## Community Sessions

- Sault Ste. Marie - Eastern UP ISD (Aug 26)
- Marquette - Northern Michigan University (Aug 27)
- Detroit - Michigan Science Center (Sept 1)
- Mount Pleasant - Central Michigan University (Sept 3)
- Grand Rapids - Gerald R Ford Museum (Sept 14)
- Battle Creek Math/Science Center (Sept 17)
- Traverse City - TBAISD (Sept 21)
- Flint - Genesee ISD (Sept 28)
- Lansing - Michigan Historical Center (Sept 30)

# EDUCATOR INFORMATIONAL SESSIONS

## DAS Conference Presentations

- Lansing Center (Aug 20)
- Crystal Mountain (Aug 25)
- Northern Michigan University (Aug 27)
- Ypsilanti - Eagle Crest Conference Center (Sept 1)

## Other Conferences and Events

- STEM Education Summit - Van Andel Institute (Aug 17)
- Grand Traverse Conference Center - MASA (Sept 22)

# CONTACTS

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# CROSS-CUTTING CONCEPTS

Patterns			
Cause and Effect			
Scale, Proportion, and Quantity			
Systems and System Models			
Energy and Matter			
Structure and Function			
Stability and Change			
Engineering and Design			
Cross-disciplinary Integration			
Mathematics and Language Arts			



# CLARIFYING THE STANDARDS

The proposed Michigan Science Standards...

1. Are situated in real world needs and practices
2. Build concepts coherently from grade to grade based on decades of research on learning science
3. Are integrated in nature, and focus on deep understanding and application of concepts
4. Are aligned to ELA and Mathematics standards
5. Were developed and reviewed by Michigan educators
6. Are NOT the curriculum.

# IMPLEMENTATION TIMELINE

